

Date Searched: 4/12/2006

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 mask\$3 near5 (programmable)

L2 (cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit) same (library or file or database or (data adj base))

L3 (characteristic or attribute or quality) same 2 same (select\$4 or choos\$3 or chosen or pick\$3)

L4 (1 same 3) and @pd>"20060319"

Results: 0 hit

L5 1 same 2

Results: 47 hits

L6 716/1-18.ccls. and 5 and @pd>"20060319"

Results: 1 hit

L7 (cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit or module) same (library or file or database or (data adj base)) same standard

L8 (1 same 7) and 716/1-18.ccls. and @pd>"20060319"

Results: 0 hits

L9 (cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit) same (combin\$6 or merg\$3 or group\$3 or compos\$3) same 1

L10 9 and 8 and @pd>"20060319"

Results: 0 hit

L11 asic

L12 (cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit) same (combin\$6 or merg\$3 or group\$3 or compos\$3) same 11 same 2

L13 716/1-18.ccls. and 12 and @pd>"20060319"

Results: 2 hits

Shimanek; Schuyler E. et al. US 7023744 B1 USPAT 365/189.11

Barnes; Paul US 7017131 B2 USPAT 716/6

****Interference Search****

Database Searched: USPGPUB

Plurals: ON

Terms Searched:

L1 ((cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit) same (combin\$6 or merg\$3 or group\$3 or compos\$3) near15 (mask\$3 near5 (programmable))).clm.

Results: 8 hits

Date Searched: 3/19/2006

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 mask\$3 near5 (programmable)

L2 (cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit) same (library or file or database or (data adj base))

L3 (characteristic or attribute or quality) same 2 same (select\$4 or choos\$3 or chosen or pick\$3)

L4 1 same 3
Results: 2 hits

L5 1 same 2
Results: 47 hits

L6 716/1-18.ccls. and 5
Results: 22 hits

L7 (cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit or module) same (library or file or database or (data adj base)) same standard

L8 (1 same 7) and 716/1-18.ccls.
Results: 22 hits

L9 (cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit) same (combin\$6 or merg\$3 or group\$3 or compos\$3) same 1

L10 9 and 8
Results: 9 hits

L11 asic

L12 (cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit) same (combin\$6 or merg\$3 or group\$3 or compos\$3) same 11 same 2

L13 716/1-18.ccls. and 12
Results: 75 hits

US 20050132321 A1	US-PGPUB	Shenoy, Narendra V. et al.	716/18
US 5752006 A	USPAT Baxter; Glenn A.	703/14	
US 5526278 A	USPAT Powell; Gary P.	716/16	

US 20040261052 A1	US-PGPUB	Perry, Steven et al.	716/19
US 6938236 B1	USPAT Park; Jonathan et al.	716/17	
US 6886143 B1	USPAT Park; Jonathan	716/2	
US 6601221 B1	USPAT Fairbanks; Brent Alan	716/5	
US 5943488 A	USPAT Raza; S. Babar	716/19	

Databases Searched: EPO, JPO, IBM TDB, Derwent

Plurals: ON

Terms Searched:

L1 (cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit or module) same (library or file or database or (data adj base))

L2 mask\$3 near5 (programmable)

L3 1 and 2

Results: 6 hits

L4 (cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit) same (combin\$6 or merg\$3 or group\$3 or compos\$3) same 2

Results: 27 hits

L5 asic

L6 (cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit) same (combin\$6 or merg\$3 or group\$3 or compos\$3) same 5

L7 1 and 6

Results: 18 hits

US 6938236 B DERWENT CHEN, E et al.
US 20050132321 A DERWENT CAMPOSANO, R et al.
JP 07254019 A DERWENT POWELL, G P

Database Searched: IEE/IEEE Xplore

Terms Searched: (cell or macrocell or macro-cell or microcell or micro-cell or component
or element or circuit or module) and (library or file or database or (data <near/1> base)) and
(mask* <near/5> programmable)

Results: Your search matched **1** of **1328352** documents

Terms Searched: (cell or macrocell or macro-cell or microcell or micro-cell or component
or element or circuit or module) and (library or file or database or (data <near/1> base)) and
((mask* <near/5> programmable) or asic) and (combin* or merg* or group* or compos*)

Results: Your search matched **68** of **1328352** documents

***Interference Search**

Databases Searched: USPGPUB

Plurals: ON

Terms Searched:

L1 ((cell or macrocell or macro-cell or microcell or micro-cell or component or element or
circuit) same (combin\$6 or merg\$3 or group\$3 or compos\$3) near15 (mask\$3 near5
(programmable))).clm.

Results: 8 hits

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	8	((cell or macrocell or macro-cell or microcell or micro-cell or component or element or circuit) same (combin\$6 or merg\$3 or group\$3 or compos\$3) near15 (mask\$3 near5 (programmable))). clm.	US-PGPUB	OR	ON	2006/04/12 14:46